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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/762,679      | 01/20/2004  | Henry Wurzburg       | 5707-06300          | 5267             |

7590 02/28/2006  
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EXAMINER

NGUYEN, KIMBERLY D

ART UNIT PAPER NUMBER

2876

DATE MAILED: 02/28/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

|                              |                                |                                 |  |
|------------------------------|--------------------------------|---------------------------------|--|
| <b>Office Action Summary</b> | Application No.<br>10/762,679  | Applicant(s)<br>WURZBURG, HENRY |  |
|                              | Examiner<br>Kimberly D. Nguyen | Art Unit<br>2876                |  |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 21 December 2005.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-27 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-5, 8-24, 26 and 27 is/are rejected.
- 7) ☒ Claim(s) 6, 7 and 25 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Amendment*

1. Acknowledgment is made of Amendment filed December 21, 2005.

### *Claim Rejections - 35 USC § 103*

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-5, 8, 10-19, 21-24, and 26-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Toh et al. (US 2003/0058284; hereinafter "Toh") in view of Horky et al. (JP359160260A; hereinafter "Horky").

Re claims 1-4, 8, 10-13, 16-19, 21-24, and 26-27: Toh teaches a system comprising a processor (CPU 21 in fig. 2); a display (LCD 2, 6) coupled to the processor (21); a card reader (31-37 in fig. 2) coupled to the controller (21); and wherein an icon is displayed on the display specific to an interface of a memory card inserted into the card reader, and wherein the card reader reports the interface of the memory card inserted into the card reader (i.e., when the memory card is inserted/not-inserted in the memory card interface/reader 33, the source icon 114 is distinctly displayed in a selectable/non-selectable mode or different-color/grayed-out, respectively; paragraphs 34-38; 4-52).

Toh fails to specifically teach a host controller coupled to the processor and the card reader coupled to the host controller.

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Horky teaches the well-known host controller coupled to the processor and the card reader coupled to the host controller (see Abstract; col. 59, lines 20-65).

It would have been obvious to an artisan of ordinary skill in the art at the time the invention was made to incorporate the notoriously known host controller coupled to the processor and the card reader coupled to the host controller as taught by Horky to the teachings of Toh in order to provide a central/host processing system which consistently controls data exchange, update, manipulating through out the local processing unit(s), which coupled to the host.

Re claims 5, 15: Toh teaches a registry preloaded with an icon specific to the device identification reported (“...the source icons 111 to 117 which are normally displayed in gray...” paragraph 34, which the icons are preloaded).

Re claim 14: Toh teaches the method further comprising displaying an empty card reader icon on the display (i.e., the icon is grayed-out or non-selectable mode; paragraph 37).

4. Claims 9, 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Toh as modified by Horky as applied to claim 1 above, and further in view of Verissimo et al. (US 5,841,654; hereinafter “Verissimo”). The teachings of Toh as modified by Horky have been discussed above.

Toh as modified by Horky fails to teach or fairly suggest wherein text is displayed proximate to the icon.

Verissimo teaches “a label is displayed next to the icon 118 indicating the interface device type...” (col. 10, lines 13-24)

It would have been obvious to an artisan of ordinary skill in the art at the time the invention was made to incorporate the label next to the icon as taught by Verissimo to the teachings of Toh as modified by Horky in order to provide readable information associated with the icon to further aid the user visually through the label.

*Allowable Subject Matter*

5. Claims 6-7 and 25 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

6. The following is a statement of reasons for the indication of allowable subject matter:

The best prior art of record fails to specifically teach or fairly suggest the card reader is operable to report at least two different device identifications specific to at least two different interfaces of memory cards.

*Conclusion*

7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

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however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kimberly D. Nguyen whose telephone number is 571-272-2402.

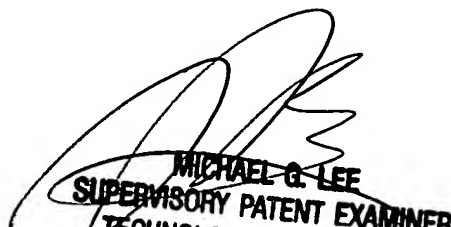
The examiner can normally be reached on Monday-Friday 7:30-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee can be reached on 571-272-2398. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Examiner's note: Examiner has cited particular columns and line numbers in the references as applied to the claims above for the convenience of the applicant. Although the specified citations are representative of the teachings of the art and are applied to the specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant in preparing responses, to fully consider the references in entirety as potentially teaching all or part of the claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the examiner.

  
KDN  
February 13, 2006

  
MICHAEL G. LEE  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2800